

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1025	(370/222-224 or 370/227-228).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/03 10:19
S2	65	((370/222-224 or 370/227-228).ccls.) and ((work\$3 and (protection or alternate))same path same switch\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/03 09:25
S3	50	((370/222-224 or 370/227-228).ccls.) and (sdh or sonet) and ((work\$3 and (protection or alternate))same path same switch\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/03 09:47
S4	3	((370/222-224 or 370/227-228).ccls.) and (sdh or sonet) and ((work\$3 and (protection or alternate))same path same switch\$3)) and (alarm or ais)and concatenat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/03 09:44
S5	12	((370/222-224 or 370/227-228).ccls.) and (sdh or sonet) and ((work\$3 and (protection or alternate))same path same (switch\$3 with (alarm or ais))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/03 10:34
S6	977	(370/242 or 370/244 or 370/250).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/03 10:19
S7	3	((370/242 or 370/244 or 370/250).ccls.) and (sdh or sonet) and ((work\$3 and (protection or alternate))same path same (switch\$3 with (alarm or ais))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/03 10:23
S8	1	((370/242 or 370/244 or 370/250).ccls.) and (sdh or sonet) and ((work\$3 and (protection or alternate))same path same (switch\$3 with (alarm or ais)))) not (((370/222-224 or 370/227-228).ccls.) and (sdh or sonet) and ((work\$3 and (protection or alternate))same path same (switch\$3 with (alarm or ais))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/03 10:22

S9	0	rao-seema-s.x\$.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/03 10:22
S10	82	rao-seema-s.xp.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/03 10:22
S11	0	rao-seema-s.xp. and rao-seema-s. xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/03 10:22
S12	268	rao-seema-s.xp. or rao-seema-s. xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/03 10:22
S13	2	(rao-seema-s.xp. or rao-seema-s. xa.) and (sdh or sonet) and ((work\$3 and (protection or alternate))same path same (switch\$3 with (alarm or ais)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/03 11:30
S14	0	((rao-seema-s.xp. or rao-seema-s. xa.) and (sdh or sonet) and ((work\$3 and (protection or alternate))same path same (switch\$3 with (alarm or ais)))) not (((370/222-224 or 370/227-228).ccls.) and (sdh or sonet) and ((work\$3 and (protection or alternate))same path same (switch\$3 with (alarm or ais)))) or (((370/242 or 370/244 or 370/250).ccls.) and (sdh or sonet) and ((work\$3 and (protection or alternate))same path same (switch\$3 with (alarm or ais)))) not (((370/222-224 or 370/227-228).ccls.) and (sdh or sonet) and ((work\$3 and (protection or alternate))same path same (switch\$3 with (alarm or ais))))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/03 10:23
S15	2	(370/393 or 370/474 or 714/4). ccls. and (sdh or sonet) and ((work\$3 and (protection or alternate))same path same (switch\$3 with (alarm or ais)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/03 10:38

S16	1	((370/393 or 370/474 or 714/4). ccls. and (sdh or sonet) and ((work\$3 and (protection or alternate))same path same (switch\$3 with (alarm or ais)))) and (memory or store\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 10:39
S17	2	"6430150".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/03 11:30
S18	1	"6430150".pn. and cross	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/03 11:43
S19	1	"6430150".pn. and (alarm or ais)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/03 12:42
S20	1	"6430150".pn. and ((alarm or ais)same switch\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 11:46
S21	0	"6430150".pn. and priority	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/03 12:42
S22	1100	(ais or alarm)same (message or signal)same priority	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 12:44
S23	708	((ais or alarm)same (message or signal)same priority) and (ais or alarm)same ((message or signal)with priority)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 12:45
S24	66	((ais or alarm)same (message or signal)same priority) and (ais or alarm)same ((message or signal)with priority) and ais	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 12:50
S25	1	((ais or alarm)same (message or signal)same priority) and (ais or alarm)same ((message or signal)with priority same quality) and ais	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 12:50

S26	1	((ais or alarm)same (message or signal)same priority) and (ais or alarm)same (((message or signal)with priority) same quality) and ais	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 12:53
S27	1	(ais or alarm)same (((message or signal)same (prioritiz\$5 or priority)) same quality) and ais	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 12:54
S28	3	((ais or alarm)same (prioritiz\$5 or priority) same quality) and ais	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 12:56
S29	329	((ais or alarm) same quality) and ais	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 13:05
S30	1163	(ais or alarm) with encod\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 13:06
S31	180	(ais ) with encod\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 13:23
S32	5	pdi-p	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 14:00
S33	0	pdi-p same error	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 13:28
S34	31	ais same concatenat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 14:00
S35	13	(ais same concatenat\$3)and alarm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 14:02

S36	236	(concatenat\$3)and ((cross adj1 connect)or cross-connect)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 14:03
S37	51	(concatenat\$3)same ((cross adj1 connect)or cross-connect)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 14:06
S38	0	(concatenat\$3 with header)same ((cross adj1 connect)or cross-connect)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 14:06
S39	6	(concatenat\$3 with header)and ((cross adj1 connect)or cross-connect)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 14:39
S40	18	(concatenat\$3 with header)and ((cross adj1 connect)or cross-connect or sonet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 14:39
S41	12	((concatenat\$3 with header)and ((cross adj1 connect)or cross-connect or sonet)) not ((concatenat\$3 with header)and ((cross adj1 connect)or cross-connect))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/03 14:39
S42	2	"6430150".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/07 13:17
S43	1	"6430150".pn. and ("14" or "16")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/07 13:22
S44	34	ais same (prioritiz\$5 or priority)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/07 13:39
S45	1731	alarm same (prioritiz\$5 or priority)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/07 13:40

S46	1095	alarm with (prioritiz\$5 or priority)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/07 13:56
S47	2	"4388715".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/07 13:56
S48	2	"4388715".pn. and (alarm with (preprocessing or processing))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/07 13:57
S49	1313	sdh	USPAT	OR	OFF	2003/04/17 09:34
S50	69	sdh and (h1 same h2)	USPAT	OR	OFF	2003/04/17 09:34
S51	121	sdh and (h1 same h2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/04/17 09:36
S52	5299	(370/225 370/228 370/242 370/244 370/248 370/250 370/357 370/360 370/384 370/437).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/07 10:58
S53	546	((370/225 370/228 370/242 370/244 370/248 370/250 370/357 370/360 370/384 370/437).ccls.) and (ais alarm)	USPAT	OR	OFF	2004/06/07 10:58
S54	738	((370/225 370/228 370/242 370/244 370/248 370/250 370/357 370/360 370/384 370/437).ccls.) and (ais alarm)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/07 10:58
S55	293	((370/225 370/228 370/242 370/244 370/248 370/250 370/357 370/360 370/384 370/437).ccls.) and (ais alarm)) and ((main working primary) same (protection primary standby stand-by))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/07 12:08
S56	2	"6430150".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/07 12:08
S57	6	"6430150".URPN.	USPAT	OR	OFF	2004/06/07 12:10
S58	3133	(kawaguchi tani).inv.	USPAT	OR	OFF	2004/06/07 12:13
S59	3133	(kawaguchi tani).inv.	USPAT	OR	OFF	2004/06/07 12:11
S60	49	((kawaguchi tani).inv.) and (mitsuhiro shigeo)	USPAT	OR	OFF	2004/06/07 12:13

S61	4	((kawaguchi tani).inv.) and (mitsuhiro shigeo)) and fujitsu. asn.	USPAT	OR	OFF	2004/06/07 12:13
S62	37504	(kawaguchi tani).inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/06/07 12:13
S63	49	((kawaguchi tani).inv.) and (mitsuhiro shigeo)	USPAT	OR	OFF	2004/06/07 12:13
S64	522	((kawaguchi tani).inv.) and (mitsuhiro shigeo)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/06/07 12:13
S65	19	((kawaguchi tani).inv.) and (mitsuhiro shigeo)) and fujitsu. asn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/06/07 12:14
S66	1	"6430150".pn.	USPAT	OR	OFF	2005/03/28 15:16
S67	3290	(714/4 370/216-228 370/242 370/244 370/437).ccls.	USPAT	OR	OFF	2005/03/28 15:19
S68	4036	(714/4 370/216-228 370/242 370/244 370/437).ccls.	USPAT; USOCR; EPO; JPO	OR	ON	2005/03/28 15:20
S69	850	S68 and ((working protection primary secondary backup) near3 (path line channel connection))	USPAT; USOCR; EPO; JPO	OR	ON	2005/03/28 15:23
S70	431	S68 and (cross adj1 connect\$3)	USPAT; USOCR; EPO; JPO	OR	ON	2005/03/28 15:22
S71	204	S69 and S70	USPAT; USOCR; EPO; JPO	OR	ON	2005/03/28 15:22
S72	73	S68 and (((working protection primary secondary backup) near3 (path line channel connection)) same (cross adj1 connect\$3))	USPAT; USOCR; EPO; JPO	OR	ON	2005/03/28 15:24
S73	439	S68 and (((working protection primary secondary backup) near3 (path line channel connection)) same ((cross adj1 connect\$3) switch))	USPAT; USOCR; EPO; JPO	OR	ON	2005/03/28 15:24
S74	4041	(714/4 370/216-228 370/242 370/244 370/437).ccls.	USPAT; USOCR; EPO; JPO	OR	ON	2005/03/29 07:55
S75	63	S74 and (((working protection primary secondary backup) near3 (path line channel connection)) same (cross adj1 connect\$3))	USPAT; USOCR; EPO; JPO	OR	OFF	2005/03/29 09:38



S76	254	"L1" and (((working protection primary secondary backup) near3 (path line channel connection)) with (switch))	USPAT; USOCR; EPO; JPO	OR	OFF	2005/03/29 09:38
S77	423	"L1" and (((working protection primary secondary backup) near3 (path line channel connection)) with (switch\$3))	USPAT; USOCR; EPO; JPO	OR	OFF	2005/03/29 09:38
S78	1	"5495472".pn.	USPAT	OR	OFF	2005/04/12 13:41
S79	1	S78 and ((network adj1 element) (switching adj1 unit))	USPAT	OR	ON	2005/04/12 13:41
S80	1	"6034947".pn.	USPAT	OR	OFF	2005/08/29 15:58



Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1358	(370/222-224 370/227-228).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/06 10:30
L2	211	1 and (working same protection)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/06 10:31
L3	313	1 and ((working primary) same (standby standby backup back-up protection))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/06 10:34
L4	49	((working primary) same (standby standby backup back-up protection)) same (line same setting)	US-PGPUB	OR	ON	2005/09/06 10:34

Interference  
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